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| University of Maryland Biotechnolo   | gy Institute Baltimore, MD  |
| Please check the appropriate assignee category or categories (will not b   | e printed on the patent): 🔲 Individual 🔯 Corporation or other private group entity 🚨 Governme:  |
| 4a. The following fee(s) are enclosed:    Issue Fee   Issue Fee   Publication Fee (No small entity discount permitted)   Advance Order - # of Copies | 4b. Payment of Fec(s):  A check in the amount of the fec(s) is enclosed.  Payment by credit card. Form PTO-2038 is attached.  The Director is hereby authorized by charge the requirement of credit any overpayment, Deposit Account Number. 08-3284 (circlose an extra copy of this form). |
| <ol> <li>Change in Entity Status (from status indicated above)</li> <li>a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.</li> </ol>         | b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(gW2).   |
| The Director of the USPTO is requested to apply the Issue Fee and PubliNOTE: The Issue Fee and Publication Fee (if required) will not be seen        | ication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.  |

a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature aune 1 Marianne Fuierer Typed or printed name

November 23, 2005

39,983 Registration No.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re United States Patent Application of: Docket No.: 4115-131 Applicants: BAEHRECKE, Eric H. Conf. No.: 3246 Application No.: 10/016,768 Art Unit: 1642 Date Filed: October 29, 2001 Examiner: Minh Tam Davis Title: GENES REGULATING Customer No.: PROGRAMMED CELL 23448 DEATH

## FACSIMILE TRANSMISSION CERTIFICATE ATTN: Examiner Minh Tam Davis Fax No. (571) 273-2885

I hereby certify that this document is being filed in the United States Patent and Trademark Office, via facsimile transmission to Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on November 23, 2005, to United States Patent and Trademark Office facsimile transmission number: (571) 273-2885.

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SUBMISSION OF ISSUE FEE TRANSMITTAL IN U.S. PATENT APPLICATION NO. 10/016,768

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Commissioner for Patents to charge the amount of \$1,000.00 for the issue fee, in response to the Notice of Allowance dated August 25, 2005 in the above-identified patent application. The Commissioner is requested to charge any deficiency or credit any overpayment to Deposit Account No. 08-3284 of Intellectual Property/Technology Law.

Respectfully submitted,

Marianne Fuierer Reg. No. 39,983

Attorney for Applicants

INTELLECTUAL PROPERTY/ TECHNOLOGY LAW Phone: (919) 419-9350 Fax: (919) 419-9354 Attorney File No.: 4115-131